Author Index of Volume 167

Adachi, M., 181
Alcock, N. W., 115
Ali, G., 5
Asato, E., 189

Bereman, R. D., 199
Bernardinelli, G., 157
Blasse, G., 25, 33
Block, E., 143, 147
Bouwman, E., 205
Brixner, L. H., 25
Buchecker, C. O., 157
Burns, G. R., 135
Bütje, K., 97

Cabral, M. F., 205
Carper, W. R., 261
Casellato, U., 21
Chaudhuri, Ph., 15
Chernyshova, Yu. V., 223
Coffin, D. B., 261
Consiglio, M., 171
Crociani, B., 171
Cunningham, C. W., 135

Dahlenburg, L., 83
Dai, B., 213
Dasgupta, T. P., 233
De Graaff, R. A. G., 15
de O. Cabral, J., 205
Di Bianca, F., 171
Driessen, W. L., 15, 205

Erk, B., 91

Fedin, V. P., 39
Fedorov, V. Ye., 39
Fracasso, G., 21
Frosin, K.-M., 83

Geoffroy, M., 157
Gernon, M., 143
Gimarc, B. M., 213
Gleizes, A., 51, 69
Glidewell, C., 253
Graziani, R., 21
Guarr, T. F., 149
Gündüz, N., 91

Haasnoot, J. G., 109
Hadjikostas, C. C., 165
Hochgesang, P. J., 199
Hugi-Cleary, D., 245
Hulsbergen, F. B., 15

Ianoz, E., 195
Ishiguro, S.-I., 189

Johnson, T. W., 133

Kang, H., 143, 147
Kanungo, B. K., 239
Katsoulos, G. A., 165
Kendrick, M. J., 257
Kida, S., 189
King, R. B., 213
Kitagawa, S., 181
Kolesov, B. A., 39
Kuznetsova, L. I., 223

Labuda, J., 47
Lehnen, J., 257
Lerch, P., 195
Lewis, N. A., 5
Li, J.-B., 119
Lin, R., 149
Lippert, B., 123
Liu, S., 143

Maekawa, M., 181
Maksimovskaya, R. I., 223
Mantegazzi, D., 195
Masuda, H., 181
McKee, V., 135
McMillin, D. R., 119
Merbach, A. E., 245
Milaeva, E. R., 139
Mironov, Yu. V., 39
Mroziński, J., 165
Munakata, M., 181
Murase, I., 189
Musgrave, V. A. J., 253

Nakamoto, K., 97
Nicolini, M., 21
Nolan, K. B., 1

Ochocki, J., 15
Ofori-Okai, G., 147
Okada, T., 153
Okuna, H. (Y.), 153
Ozutsumi, K., 189

Paci, M., 171
Pavlishchuk, V. V., 47
Petit, J.-F., 51, 69

Rahoo, H., 1
Ravindran, M., 115
Reedijk, J., 15, 109, 205
Renn, O., 123
Roe, S. M., 115

Sadler, G. G., 233
Sánchez González, A., 21
Sauvage, J.-P., 157
Schöllhorn, H., 123
Shimura, T., 153
Sigalas, M. P., 165
Simandi, L. I., 139
Sindellari, L., 21
Sokolov, M. N., 39
Strizhak, P. E., 47
Szeverenyi, Z., 139

Tagliatesta, P., 171
Tatsumi, K., 195
Tetrick, S. M., 133
Thewalt, U., 123
Tkachev, S. V., 39
Tomohiro, T., 153
Trombe, J.-C., 51, 69
Tsipis, C. A., 165
Turin-Rossier, M., 245

Vreugdenhil, W., 109

Walton, R. A., 133
Wermeille, M., 157
White, B. M., 257
Willey, G. R., 115
Wood, J. S., 109

Yatsimirskii, K. B., 47

Zubieta, J., 143, 147

© Elsevier Sequoia/Printed in Switzerland

Subject Index of Volume 167

Acetato complexes
  synthesis, spectroscopy and magnetism of mixed-valence Ni(II)–Ni(III) compounds with (benz)-imidazolethioether, acetates and dithiolates as ligands; crystal structure of (acetato)(1,6-bis-(benzimidazol-2-yl)-2,5-dithiahexane)Ni(II) bis(toluene-3,4-dithiolato)niccolate(III), 15
Acid complexes
  anionic penta-coordinated complexes of Fe(II) containing pyridine-*N*-oxide, γ-picoline-*N*-oxide, ascorbic acid and pseudohalides, 239
Allyl complexes
  coordination properties of imino(2-pyridyl)-methylpalladium(II) compounds; reactions with chloride-bridged allyl dimers $[MCl(\eta^3\text{-}2\text{-}MeC_3H_4)]_2$ (M = Pd, Pt), 171
Amido complexes
  kinetics and mechanism of decarboxylation and formation of μ-amido-μ-carbonato-bis(bis(ethylenediamine)Co(III) ion in aqueous solutions, 233
Amine complexes
  Cu(I) and Cu(II) complexes of entwined or interlocked phenanthroline type ligands; ESR and crystallographic investigations, 157
  HPLC behavior and cytotoxic activity against mouse leukemia L1210 cells of Pt pyrimidine greens, 153
  preparation of Cu(II) and Ni(II) complexes of 2-(2′-acetoxyethylamino)ethylamine, 1
  spectral and magnetic characterization of amine adducts of Cu(II) valproate, 165
  X-ray structure of *cis*-bis(cyclopropylamine)bis(1-methylthyminato-N^3)Pt(II) dihydrate, *cis*-$(cpa)_2Pt(1\text{-}MeT)_2 \cdot 2H_2O$ and chemistry related to 'platinum thymine purple', 123
Amine oxide complexes
  anionic penta-coordinated complexes of Fe(II) containing pyridine-*N*-oxide, γ-picoline-*N*-oxide, ascorbic acid and pseudohalides, 239
Anion complexes
  three-dimensional aromaticity in deltahedral borane anions; comparison of topological and computational approaches, 213
Antimony complexes
  synthesis and structure of Sb(III)chloride–1,4,7,10,13,16-hexaoxocyclooctadecane(18-crown-6)–acetonitrile(1/1/1), 115
Antitumor activity
  HPLC behavior and cytotoxic activity against mouse leukemia L1210 cells of Pt pyrimidine greens, 153
Aquo complexes
  preparation, crystal and molecular structure of tetraethylammonium oxotetrabromoaquo-Tc(V), 195

Bidentate ligand complexes
  coordinatio properties of imino(2-pyridyl)methylpalladium(II) compounds; reactions with chloride-bridged allyl dimers $[MCl(\eta^3\text{-}2\text{-}MeC_3H_4)]_2$ (M = Pd, Pt), 171
  Cr(II) reduction of $[Co(bpy)_3]^{3+}$; observation of dimeric Cr(III) reduction product, 5
  Cu(I) and Cu(II) complexes of entwined or interlocked phenanthroline type ligands; ESR and crystallographic investigations, 157
  preparation of Cu(II) and Ni(II) complexes of 2-(2′-acetoxyethylamino)ethylamine, 1
  synthesis, properties and crystal structures of dicopper(I) and disilver(I) complexes with 1,8-naphthyridine (napy); $[Cu_2(napy)_2](ClO_4)_2$ and $[Ag_2(napy)_2](ClO_4)_2$, 181
Binuclear complexes
  spectroscopic and electrochemical investigation of strongly luminescent homobinuclear Re(I) complexes, 149
  synthesis, properties and crystal structures of dicopper(I) and disilver(I) complexes with 1,8-naphthyridine (napy); $[Cu_2(napy)_2](ClO_4)_2$ and $[Ag_2(napy)_2](ClO_4)_2$, 181
Borane complexes
  three-dimensional aromaticity in deltahedral borane anions; comparison of topological and computational approaches, 213

Carbonato complexes
  kinetics and mechanism of decarboxylation and formation of μ-amido-μ-carbonato-bis(bis(ethylenediamine)Co(III) ion in aqueous solution, 233
Carbonyl complexes
  spectroscopic and electrochemical investigation of strongly luminescent homobinuclear Re(I) complexes, 149
Carboxylate complexes
  spectral and magnetic characterization of amine adducts of Cu(II) valproate, 165
Chelate complexes
  coordination properties of imino(2-pyridyl)methylpalladium(II) compounds; reactions with chloride-bridged allyl dimers $[MCl(\eta^3\text{-}2\text{-}MeC_3H_4)]_2$ (M = Pd, Pt), 171

© Elsevier Sequoia/Printed in Switzerland

Cr(II) reduction of $[Co(bpy)_3]^{3+}$; observation of dimeric Cr(III) reduction product, 5
Chromium complexes
Cr(II) reduction of $[Co(bpy)_3]^{3+}$; observation of dimeric Cr(III) reduction product, 5
Cluster complexes
triangular thiocomplexes of Mo; reactions with halogens, hydrohalogen acids and phosphines, 39
Cobalt complexes
Cr(II) reduction of $[Co(bpy)_3]^{3+}$; observation of dimeric Cr(III) reduction product, 5
ESR study of interaction of tetrakis(3,5-di-t-butyl-4-hydroxyphenyl)dodecachlorophthalocyaninatocobalt(II) with dioxygen, 139
kinetics and mechanism of decarboxylation and formation of μ-amido-μ-carbonato-bis(bis(ethylenediamine)Co(III) ion in aqueous solution, 233
electronic spectra, resonance Raman spectra and solution properties of water-soluble Cu(II), Ni(II) and Co(III) porphyrins, 97
electronic spectrum of Co(II) in type 1 site of *Rhus vernicifera* laccase, 119
NMR studies of paramagnetic metal ion interactions with gluconate and 1,5-gluconolactone, 261
Copper complexes
biomimetic reduction of Cu(II) tetrathia macrocyclic complexes, 47
Cu(I) and Cu(II) complexes of entwined or interlocked phenanthroline type ligands; ESR and crystallographic investigations, 157
electronic spectra, resonance Raman spectra and solution properties of water-soluble Cu(II), Ni(II) and Co(III) porphyrins, 97
preparation of Cu(II) and Ni(II) complexes of 2-(2′-acetoxyethylamino)ethylamine, 1
redox properties of five-coordinate and six-coordinate chlorobis(imidazole)-bis(thioether)Cu(II) complexes, 205
spectral and magnetic characterization of amine adducts of Cu(II) valproate, 165
synthesis, properties and crystal structures of dicopper(I) and disilver(I) complexes with 1,8-naphthyridine (napy); $[Cu_2(napy)_2](ClO_4)_2$ and $[Ag_2(napy)_2](ClO_4)_2$, 181
synthesis, spectroscopy and X-ray structure of hexakis(μ-3-methyl-4-ethyl-1,2,4-triazolo-N^1,N^2)tetraaquatricopper(II) hexakis(trifluoromethylsulfonate), 109
unusual affinities of monovalent anions to dicopper(II) complexes with N,N',N'',N'''-tetrakis-(2-aminoethyl)-tetra-azacycloalkanes, 189
Crown ether complexes
synthesis and structure of Sb(III)chloride–1,4,7,10,13,16-hexaoxocyclooctadecane(18-crown-6)–acetonitrile (1/1/1), 115
Crystal structure(s)
of (acetato)(1,6-bis(benzimidazol-2-yl)-2,5-dithiahexane)Ni(II) bis(toluene-3,4-dithiolato)niccolate(III), 15
of bis(*N*-methyl-*O*-ethyl-thiocarbamate)Au(I) chloride, 21
of Br_{10}^{2-}, 135
of *cis*-$(cpa)_2Pt(1\text{-}MeT)_2 \cdot 2H_2O$, 123
Cu(I) and Cu(II) complexes of entwined or interlocked phenanthroline type ligands, 157
of $[Cu_2(napy)_2](ClO_4)_2$ and $[Ag_2(napy)_2](ClO_4)_2$, 181
of $[Cu\{SC_6H_3\text{-}2,6\text{-}(SiMe_3)_2\}]_4$, 147
of hexakis(μ-3-methyl-4-ethyl-1,2,4-triazolo-N^1,N^2)tetraaquatricopper(II) hexakis(trifluoromethylsulfonate), 109
high diversity of rare coordination modes of squarate anion in series of weakly hydrated Ce(III) aquarates prepared by pseudo-hydrothermal methods, 69
lanthanide(III) squarates; five families of compounds obtained from aqueous solutions in open system, 51
of $[MoCl_4\{SC_5H_2NH\text{-}3,6\text{-}(SiMe_2Bu^t)_2\}_2]$, $(Ph_4P)[MoBr_4(SC_5H_3NH\text{-}3\text{-}SiMe_3)_2]$, $[MoBr_3(SC_5H_3NH\text{-}3\text{-}SiMe_3)_3]$ and $(Ph_4P)[MoOBr_3(SC_5H_3N\text{-}3\text{-}SiMe_3)]$, 143
of $Ru_2Cl_4(C_8H_{12})_2$, $RuH(C_8H_{11})(C_6H_6)$ and $Ru_3Cl_3(OCH_3)(C_8H_{12})_3$, 83
of Sb(III)chloride–1,4,7,10,13,16-hexaoxocyclooctadecane(18-crown-6)–acetonitrile (1,1,1), 115
of tetraethylammonium oxotetrabromoaquo-Tc(V), 195
of U(VI) complexes of N,N'-bis(*o*-hydroxyaryl) aldimino Schiff bases, 91
Cyanide complexes
inorganic drug interactions; reaction between thiobarbiturates and nitroprusside ion, 253
Cycloolefin complexes
reduction of hydrated Ru(III) chloride with Zn in presence of cyclooctadiene; molecular structure of $Ru(C_8H_{10})(C_8H_{12})$ and isolation and X-ray structural characterization of $Ru_2Cl_4(C_8H_{12})_2$, $RuH(C_8H_{11})(C_6H_6)$ and $Ru_3Cl_3(OCH_3)(C_8H_{12})_3$, 83

Dinuclear complexes
kinetics and mechanism of decarboxylation and formation of μ-amino-μ-carbonato-bis(bis(ethylenediamine)Co(III) ion in aqueous solution, 233
triply bonded diosmium(III) complexes that contain Os–Br bonds, 133
unusual affinities of monovalent anions to dicopper(II) complexes with N,N',N'',N'''-tetrakis(2-aminoethyl)-tetra-azacycloalkanes, 189
Dioxygen complexes
ESR study of interaction of tetrakis(3,5-di-t-

butyl-4-hydroxyphenyl)dodecachlorophthalocyaninatocobalt(II) with dioxygen, 139
Dithiocarbamato complexes
Au(I) complexes of thio- and dithiocarbamate esters; structure of bis(*N*-methyl-*O*-ethyl-thiocarbamate)Au(I) chloride, 21

Electrochemistry
electrochemical polymerization at electrode surface; film formation of Ni(II) complex of dibenzo[*b,i*][1,4,8,11]tetraaza[14]annulene and Ni(II) and Cu(II) complexes of 5,7,12,14-tetramethyldibenzo[*b,i*][1,4,8,11]tetraaza[14]-annulene; copolymerization and layered polymerization, 199
electrochemical studies of biologically-significant pterin compounds, 257
redox properties of five-coordinate and six-coordinate chlorobis(imidazole)-bis(thioether)Cu(II) complexes, 205
spectroscopic and electrochemical investigation of strongly luminescent homobinuclear Re(I) complexes, 149
Electronic structure
intensity of vibronic transitions
in emission spectrum of trivalent Gd ion, 25
in spectra of trivalent Eu ion, 33
Electropolymerization
electrochemical polymerization at electrode surface; film formation of Ni(II) complex of dibenzo[*b,i*][1,4,8,11]tetraaza[14]annulene and Ni(II) and Cu(II) complexes of 5,7,12,14-tetramethyldibenzo[*b,i*][1,4,8,11]tetraaza[14]-annulene; copolymerization and layered polymerization, 199
Enzyme complexes
electrochemical studies of biologically-significant pterin compounds, 257
electronic spectrum of Co(II) in type 1 site of *Rhus vernicifera* laccase, 119
Europium complexes
intensity of vibronic transitions in spectra of trivalent Eu ion, 33

Gadolinium complexes
intensity of vibronic transitions in emission spectrum of trivalent Gd ion, 25
Gold complexes
Au(I) complexes of thio- and dithiocarbamate esters; structure of bis(*N*-methyl-*O*-ethyl-thiocarbamate)Au(I) chloride, 21

Hafnium complexes
adducts of Zr and Hf tetrachlorides with neutral Lewis bases; structure and stability; vibrational and NMR study, 245
Halide complexes
adducts of Zr and Hf tetrachlorides with neutral Lewis bases; structure and stability; vibrational and NMR study, 245
triply bonded diosmium(III) complexes that contain Os–Br bonds, 133
Hydrido complexes
reduction of hydrated Ru(III) chloride with Zn in presence of cyclooctadiene; molecular structure of $Ru(C_8H_{10})(C_8H_{12})$ and isolation and X-ray structural characterization of $Ru_2Cl_4(C_8H_{12})_2$, $RuH(C_8H_{11})(C_6H_6)$ and $Ru_3Cl_3(OCH_3)$-$(C_8H_{12})_3$, 83

Iron complexes
anionic penta-coordinated complexes of Fe(II) containing pyridine-*N*-oxide, γ-picoline-*N*-oxide, ascorbic acid and pseudohalides, 239
crystal and molecular structure of tetranuclear Cu thiolate cluster, $[Cu\{SC_6H_3\text{-}2,6\text{-}(SiMe_3)_2\}]_4$, 147
inorganic drug interactions; reaction between thiobarbiturates and nitroprusside ion, 253

Kinetics and mechanism
Cr(II) reduction of $[Co(bpy)_3]^{3+}$; observation of dimeric Cr(III) reduction product, 5
of decarboxylation and formation of μ-amido-μ-carbonato-bis(bis(ethylenediamine)Co(III) ion in aqueous solution, 233

Lanthanide complexes
high diversity of rare coordination modes of squarate anion in series of weakly hydrated Ce(III) squarates prepared by pseudo-hydrothermal methods, 69
lanthanide(III) squarates; five families of compounds obtained from aqueous solutions in open system; crystal structure and thermal behaviour, 51
Lewis base complexes
adducts of Zr and Hf tetrachlorides with neutral Lewis bases; structure and stability; vibrational and NMR study, 245

Macrocyclic ligand complexes
biomimetic reduction of Cu(II) tetrathia macrocyclic complexes, 47
electrochemical polymerization at electrode surface; film formation of Ni(II) complex of dibenzo[*b,i*][1,4,8,11]tetraaza[14]annulene and Ni(II) and Cu(II) complexes of 5,7,12,14-tetramethyldibenzo[*b,i*][1,4,8,11]tetraaza[14]-annulene; copolymerization and layered polymerization, 199
unusual affinities of monovalent anions to dicopper(II) complexes with *N,N',N'',N'''*-tetrakis-(2-aminoethyl)-tetra-azacycloalkanes, 189

Magnetism
spectral and magnetic characterization of amine adducts of Cu(II) valproate, 165
synthesis, spectroscopy and magnetism of mixed-valence Ni(II)–Ni(III) compounds with (benz)-imidazolethioether, acetates and dithiolates as ligands; crystal structure of (acetato)(1,6-bis-(benzimidazol-2-yl)-2,5-dithiahexane)Ni(II) bis-(toluene-3,4-dithiolato)niccolate(III), 15
Manganese complexes
NMR studies of paramagnetic metal ion interactions with gluconate and 1,5-gluconolactone, 261
Molybdenum complexes
electrochemical studies of biologically-significant pterin compounds, 257
halido–thiolate complexes of Mo(III), Mo(IV) and Mo(V); synthesis, characterization and crystal and molecular structures of $[MoCl_4\{SC_5H_2NH\text{-}3,6\text{-}(SiMe_2Bu^t)_2\}_2]$, $(Ph_4P)[MoBr_4(SC_5H_3NH\text{-}3\text{-}SiMe_3)_2]$, $[MoBr_3(SC_5H_3NH\text{-}3\text{-}SiMe_3)_3]$ and $(Ph_4P)[MoOBr_3(SC_5H_3N\text{-}3\text{-}SiMe_3)]$, 143
triangular thiocomplexes of Mo; reactions with halogens, hydrohalogen acids and phosphines, 39
MO study
three-dimensional aromaticity in deltahedral borane anions; comparison of topological and computational approaches, 213

Nickel complexes
electrochemical polymerization at electrode surface; film formation of Ni(II) complex of dibenzo[*b,i*][1,4,8,11]tetraaza[14]annulene and Ni(II) and Cu(II) complexes of 5,7,12,14-tetramethyldibenzo[*b,i*][1,4,8,11]tetraaza[14]-annulene; copolymerization and layered polymerization, 199
electronic specta, resonance Raman spectra and solution properties of water-soluble Cu(II), Ni(II) and Co(III) porphyrins, 97
preparation of Cu(II) and Ni(II) complexes of 2-(2′-acetoxyethylamino)ethylamine, 1
synthesis, spectroscopy and magnetism of mixed-valence Ni(II)–Ni(III) compounds with (benz)-imidazolethioether, acetates and dithiolates as ligands; crystal structure of (acetato)(1,6-bis-(benzimidazol-2-yl)-2,5-dithiahexane)Ni(II) bis(toluene-3,4-dithiolato)niccolate(III), 15
NMR study
of paramagnetic metal ion interactions with gluconate and 1,5-gluconolactone, 261
Nucleobase complexes
X-ray structure of *cis*-bis(cyclopropylamine)bis-(1-methylthyminato-N^3)Pt(II) dihydrate, *cis*-$(cpa)_2Pt(1\text{-}MeT)_2\cdot 2H_2O$ and chemistry related to 'platinum thymine purple', 123
Osmium complexes
triply bonded diosmium(III) complexes that contain Os–Br bonds, 133
Oxo complexes
preparation, crystal and molecular structure of tetraethylammonium oxotetrabromoaquo-Tc(V), 195

Palladium complexes
coordination properties of imino(2-pyridyl)-methylpalladium(II) compounds; reactions with chloride-bridged allyl dimers $[MCl(\eta^3\text{-}2\text{-}MeC_3H_4)]_2$ (M = Pd, Pt), 171
Paramagnetic complexes
NMR studies of paramagnetic metal ion interactions with gluconate and 1,5-gluconolactone, 261
Phthalocyanine complexes
ESR study of interaction of tetrakis(3,5-di-t-butyl-4-hydroxyphenyl)dodecachlorophthalocyaninatocobalt(II) with dioxygen, 139
Platinum complexes
coordination properties of imino(2-pyridyl)-methylpalladium(II) compounds; reactions with chloride-bridged allyl dimers $[MCl(\eta^3\text{-}2\text{-}MeC_3H_4)]_2$ (M = Pd, Pt), 171
HPLC behavior and cytotoxic activity against mouse leukemia L1210 cells of Pt pyrimidine greens, 153
X-ray structure of *cis*-bis(cyclopropylamine)bis-(1-methylthyminato-N^3)Pt(II) dihydrate, *cis*-$(cpa)_2Pt(1\text{-}MeT)_2\cdot 2H_2O$ and chemistry related to 'platinum thymine purple', 123
Polyanion complexes
reactivity of tungstovanadophosphate heteropolyanions, 223
Polydentate ligand complexes
synthesis, spectroscopy and X-ray structure of hexakis(μ-3-methyl-4-ethyl-1,2,4-triazolo-N^1, N^2)tetraaquatricopper(II) hexakis(trifluoromethylsulfonate), 109
Polyhalide compounds
new polyhalogen network for $Br - Br_{10}^{2-}$, 135
Polynuclear complexes
crystal and molecular structure of tetranuclear Cu thiolate cluster, $[Cu\{SC_6H_3\text{-}2,6\text{-}(SiMe_3)_2\}]_4$, 147
Porphyrin complexes
electronic spectra, resonance Raman spectra and solution properties of water-soluble Cu(II), Ni(II) and Co(III) porphyrins, 97
Pseudohalide complexes
anionic penta-coordinated complexes of Fe(II) containing pyridine-*N*-oxide, γ-picoline-*N*-oxide, ascorbic acid and pseudohalides, 239

Reduction
Cr(II) reduction of $[Co(bpy)_3]^{3+}$; observation of dimeric Cr(III) reduction product, 5

Rhenium complexes
spectroscopic and electrochemical investigation of strongly luminescent homobinuclear Re(I) complexes, 149
Ruthenium complexes
reduction of hydrated Ru(III) chloride with Zn in presence of cyclooctadiene; molecular structure of $Ru(C_8H_{10})(C_8H_{12})$ and isolation and X-ray structural characterization of $Ru_2Cl_4(C_8H_{12})_2$, $RuH(C_8H_{11})(C_6H_6)$ and $Ru_3Cl_3(OCH_3)$-$(C_8H_{12})_3$, 83

Schiff base complexes
preparation and characterization of some U(VI) complexes of *N,N'*-bis(*o*-hydroxyaryl) aldimino Schiff bases, 91
Silver complexes
synthesis, properties and crystal structures of dicopper(I) and disilver(I) complexes with 1,8-naphthyridine(napy); $[Cu_2(napy)_2](ClO_4)_2$ and $[Ag_2(napy)_2](ClO_4)_2$, 181
Squarate complexes
high diversity of rare coordination modes of squarate anion in series of weakly hydrated Ce(III) squarates prepared by pseudo-hydrothermal methods, 69
lanthanide(III) squarates; five families of compounds obtained from aqueous solutions in open system; crystal structure and thermal behaviour, 51
Sulfur complexes
triangular thiocomplexes of Mo; reactions with halogens, hydrohalogen acids and phosphines, 39

Technetium complexes
preparation, crystal and molecular structure of tetraethylammonium oxotetrabromoaquo-Tc(V), 195
Thiobarbiturato complexes
inorganic drug interactions; reaction between thiobarbiturates and nitroprusside ion, 253
Thioether complexes
redox properties of five-coordinate and six-coordinate chlorobis(imidazole)-bis(thioether)Cu(II) complexes, 205
Thiolate complexes
crystal and molecular structure of tetranuclear Cu thiolate cluster, $[Cu\{SC_6H_3\text{-}2,6\text{-}(SiMe_3)_2\}]_4$, 147
halido–thiolate complexes of Mo(III), Mo(IV) and Mo(V); synthesis, characterization and crystal and molecular structures of $[MoCl_4\{SC_5H_2NH\text{-}3,6\text{-}(SiMe_2Bu^t)_2\}_2]$, $(Ph_4P)[MoBr_4(SC_5H_3NH\text{-}3\text{-}SiMe_3)_2]$, $[MoBr_3(SC_5H_3NH\text{-}3\text{-}SiMe_3)_3]$ and $(Ph_4P)[MoOBr_3(SC_5H_3N\text{-}3\text{-}Me_3)]$, 143
Thiolato complexes
synthesis, spectroscopy and magnetism of mixed-valence Ni(II)–Ni(III) compounds with (benz)-imidazolethioether, acetates and dithiolates as ligands; crystal structure of (acetato)(1,6-bis-(benzimidazol-2-yl)-2,5-dithiahexane)Ni(II) bis-toluene-3,4-dithiolato)niccolate(III), 15
Trinuclear complexes
synthesis, spectroscopy and X-ray structure of hexakis(μ-3-methyl-4-ethyl-1,2,4-triazolo-N^1, N^2)tetraaquatricopper(II) hexakis(trifluoromethylsulfonate), 109
Tungsten complexes
reactivity of tungstovanadophosphate heteropolyanions, 223

Uranium complexes
preparation and characterization of some U(VI) complexes of *N,N'*-bis(*o*-hydroxyaryl) aldimino Schiff bases, 91

Vanadium complexes
reactivity of tungstovanadophosphate heteropolyanions, 223

Zirconium complexes
adducts of Zr and Hf tetrachlorides with neutral Lewis bases; structure and stability; vibrational and NMR study, 245